



CAPACITRAP[®] BRAND HARMONIC FILTER SERIES

This series is a tuned LC filter trap designed for mounting at a distribution center or service entrance. It can be used to improve power quality by reducing harmonics or improving power factor in the presence of harmonics.

APPLICATIONS

- Service entrance or distribution center
- Harmonic mitigation

FEATURES

- UL, C-UL, CE listed
- 20-year rated cell life
- 2-year warranty

STANDARD RATINGS

- 240, 480, 600 Volts
- High temperature rated 3-phase cells
- 60 Hertz

OTHER AVAILABLE RATINGS

- 208, 380, 415 Volts
- 50 Hertz

CAPACITOR CELLS

- Self-contained 3-phase cells
- 3-phase pressure-actuated interrupter
- Industrial grade
- Dry-type construction
- Losses of less than 1/2 watt per KVAR
- Self-healing metallized polypropylene dielectric film
- Hermetically sealed steel case
- Threaded insulated terminals
- Discharge resistors to reduce voltage to less than 50 volts in one minute (per NEC)

WIRE TERMINATION

- Wire connection to the capacitor cell terminal post is made with ring-type stakons which provide a secure electrical and physical connection

FUSES

- Fast-acting, current-limiting, with 200,000 ampere interrupting capacity
- Door-mounted indication lights illuminate red if fuse has blown

ENCLOSURES

- Built to NEMA 12 specifications for indoor use
- Free-standing with hinged door, lockable door handle and removable eye bolts
- Fan-cooled



INDUCTORS

- Iron core wound with copper wire
- 600V class H rated insulation
- Overheating indication

CELTEL[®] BRAND LOSS-OF-CAPACITANCE INDICATOR

- Phase imbalance indication
- Overcurrent and undercurrent indication
- Reset function
- Self diagnostic function

OPTIONS AVAILABLE

- Circuit breaker or disconnect switch
- Other NEMA ratings available (4, 4X, etc.)
- Installation and start-up services
- Equipment financing



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CASE DIMENSIONS Free-standing Enclosure			
CASE	H	L	D
M	74.00	31.00	30.00
N	84.00	46.00	30.00

240V / 3Ø / 60Hz				480V / 3Ø / 60Hz				600V / 3Ø / 60Hz			
KVAR	PART NUMBER	AMPS*	CASE	KVAR	PART NUMBER	AMPS*	CASE	KVAR	PART NUMBER	AMPS*	CASE
75	CIM33075-3H5E	198	M	150	CIM53150-3H5E	198	M	150	CIM63150-3H5E	158	M
100	CIM33100-3H5E	264	M	200	CIM53200-3H5E	264	M	200	CIM63200-3H5E	211	M
125	CIM33125-3H5E	330	N	250	CIM53250-3H5E	330	N	250	CIM63250-3H5E	264	N
150	CIM33150-3H5E	396	N	300	CIM53300-3H5E	396	N	300	CIM63300-3H5E	317	N
175	CIM33175-3H5E	462	N	350	CIM53350-3H5E	462	N	350	CIM63350-3H5E	370	N
200	CIM33200-3H5E	528	N	400	CIM53400-3H5E	528	N	400	CIM63400-3H5E	422	N
250	CIM33250-3H5E	660	N	500	CIM53500-3H5E	660	N	500	CIM63500-3H5E	528	N
300	CIM33300-3H5E	792	N	600	CIM53600-3H5E	792	N	600	CIM63600-3H5E	634	N

* The ampacity of capacitor circuit conductors shall not be less than 135% of the rated current of the capacitor (Per NEC).

NOTE: The above part numbers are for the 5th harmonic. For other harmonic applications change the part number suffix.
EXAMPLE: 7th = H7E, 11th = H11E, etc.